

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1205	(585/658,660-663).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 12:52
S2	307	(heterogeneous\$2 with cataly\$3) with dehydrogenat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 12:04
S3	25	S1 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 14:16
S4	443	(heterogeneous\$2 with cataly\$3) same dehydrogenat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 14:30
S5	0	S1 same S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 14:30
S6	30	S1 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 14:32
S7	6	(dehydrogenation adj1 catalyst) with "zirconium oxide"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 14:34
S8	5	"6576804"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/26 14:44
S9	22	"4376225"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 12:05
S10	160603	oxygen with hydrogen	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 12:53
S11	1205	(585/658,660-663).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 12:53

## EAST Search History

S12	250	S10 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 12:53
S13	63311	("product gas" or effluent or gas) with (recirculate\$3 or recycl\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 14:15
S14	91	S12 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:37
S15	873	"recycle reactor"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:37
S16	5296	dehydrogenat\$3 with (paraffin\$1 or alkane\$1 or propane or butane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:38
S17	39	S15 and S16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 13:38
S18	13441	("product gas" or effluent) with (recirculate\$3 or recycl\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 14:15
S19	140	S11 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 14:16
S20	66	S10 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/27 14:16